Dimplex

AUS/NZ

Installation and Operating Instructions

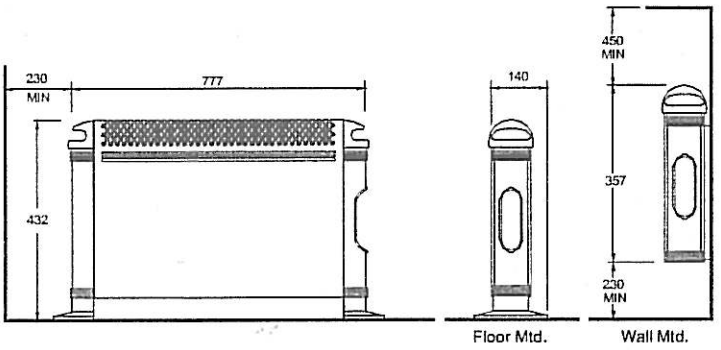
Dimplex Convector Heaters
Models : 3087ST & 3088T

BEAB Approved

INDCAU308R Issue 0

Dimensions
(millimetres)

Models	Specification	
3087ST	2.4kw	On Off Switch/Thermostat/Neon/24hr Timer/Turbo
3088T	2.4kw	Heat Switch/Thermostat/Neon/Turbo



THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE.

IMPORTANT SAFETY ADVICE

WARNING – THIS APPLIANCE MUST NOT BE USED IN A BATHROOM.

WARNING – DO NOT USE THIS HEATER IN THE IMMEDIATE SURROUNDINGS OF A BATH, A SHOWER OR A SWIMMING POOL.

WARNING – THIS HEATER MUST NOT BE LOCATED IMMEDIATELY BELOW A FIXED SOCKET OUTLET.

DO NOT USE THE HEATER UNTIL THE FEET OR WALL BRACKETS ARE FITTED CORRECTLY.

FOLLOW these instructions carefully.

NEVER cover or obstruct in any way the heat outlet slots at the top of the heater or the air inlet slots in the base of the heater.

The heater carries a warning 'DO NOT COVER' to alert the user to the risk of fire that exists if the heater is accidentally covered.

Timer model 3087ST can be set to switch on automatically. Remember to observe all safety warnings at all times.

If young children, the aged or infirm are likely to be left in the vicinity of the heater, we advise that adequate precautions should be taken.-

We recommend that a guard be fitted to ensure contact with the heater is avoided and objects cannot be inserted into the product.

The appliance is not intended for use by young children or infirm persons without supervision.

Young children or infirm persons should be supervised to ensure that they do not play with the appliance.

If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

Electrical connection

WARNING – THIS APPLIANCE MUST BE EARTHED

This heater must be used on an AC~ supply only and the voltage marked on the heater must correspond to the supply voltage.

Wall Mounting

Three identical wall mounting brackets are secured to the base of the heater with a fixing screw. To wall mount appliance, first remove the brackets as follows :
Lay the heater on its back.
Following the sequence in Fig. 1 – identify and remove the fixing screw securing the brackets located beside Mains Cable as shown in (a), then pull out brackets and rotate them to disengage them from the slot (b). Withdraw the brackets from the slot (c).

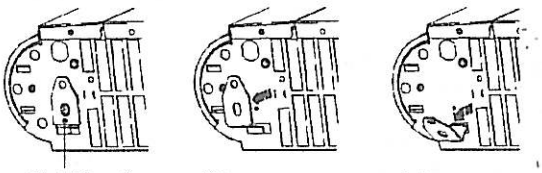


Fig. 1

Select a suitable position on a wall, near to a mains power socket, making sure that there is *at least* 230 mm below the heater and *at least* 450 mm above the heater of unobstructed space. See also 'Positioning the heater'. Fix the two top retaining brackets to the wall, using suitable fixings at 478mm centres – see Fig 2.

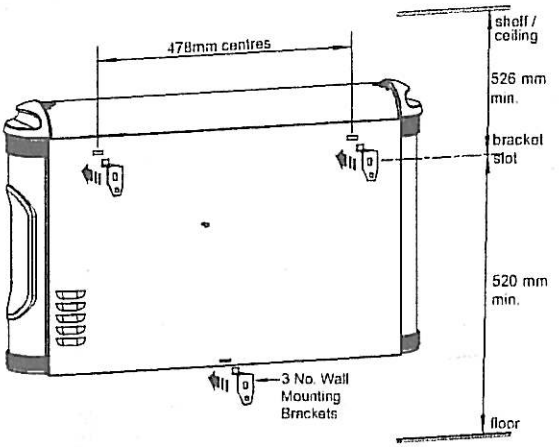


Fig. 2

Locate the heater on the top brackets and allow it to hang in place.
Fit the bottom bracket into the slot in the heater and then fix it to the wall.
Test that the heater is now securely fixed to the wall.

Positioning the heater

Always ensure that the heater is stood on a firm, level base near to, but not directly beneath, a suitable mains supply socket.
Ensure that curtains and furniture are not positioned close to the chosen position, as this would create a potential fire hazard.
We recommend that the heater should be wall-mounted in rooms where children may be left unattended.
See also 'Important Safety Advice'.

Free standing use

NEVER USE THE HEATER FREE STANDING WITHOUT THE FEET FITTED.

Lay the heater on its back, and locate the foot fixing screw (see 'a' in Fig. 3). Remove the screw using an X–head screwdriver, then align foot over slots and holes in base (see 'b' in Fig. 3) and push into slots until the foot clips into place. Finally take the foot fixing screw, insert and tighten using a screwdriver to secure the foot.

NOTE – The wall mounting brackets indicated in Fig. 3 can be left secured to the base if they are not required.

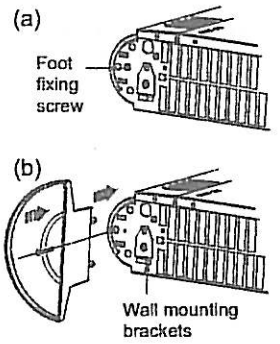


Fig. 3

Using the heater

Plug in and switch on at the wall socket.

The red POWER ON neon will light when the heater is connected to the power supply.

On model **3087ST** the timer clock will operate all the time that the heater is connected to the mains supply, regardless of the setting of the heat selector switch. Set the timer control switch as required for OFF, Manual or Automatic operation – see **'Timer Operation'**.

The heat output is controlled by the thermostat - see **'Thermostat'**

Please note – the element has been coated with a protective film which will burn off during the first few minutes of use and may cause a small amount of fuming. This is quite normal – the fumes are non-toxic and will quickly disappear.
We recommend that you open a window to ventilate the room when using the heater for the first time.

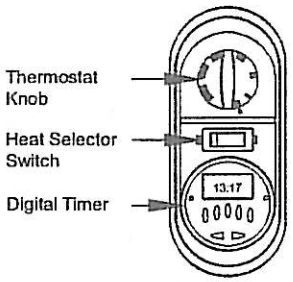


Fig. 4 - Model 3087ST controls shown

Controls

Thermostat

The thermostat controls the heat output according to the room temperature.

This ensures that the heater will not produce heat unnecessarily when the room is warm.

To set the temperature you require, turn the thermostat knob clockwise until the desired temperature is reached. Alternatively to heat a cold room quickly, turn the thermostat knob up fully.

When the room has reached the desired temperature, turn the thermostat knob anti-clockwise until the thermostat just clicks off.

The heater will now automatically operate at this temperature.

The thermostat also has a frost protection setting marked '*'. This setting is useful in areas such as garages to prevent frost damage. If the thermostat is set to its minimum setting '*', the heater will cycle ON and OFF to maintain a temperature of approximately 5°C to help protect against frosty conditions.

Heat Selector Switch

Heat selection is available on both models as an economy feature.

On model 3088T - the switch is a 4 position switch with an **Off** position marked **'O'** and 3 possible heat settings as follows :

I & II - The heater operates with low heat output
III - The heater operates with max. heat output

ON/OFF Switch

On model 3087ST – the switch operates as follows :

O - The heater is off
I - The heater operates with low heat output

Note : The above description of the On/Off switch operation is with the turbo neon switch in the off position – see also 'Turbo Fan' section.

Digital Timer Operation

IMPORTANT - Remember to observe all safety warnings when operating the heater on auto setting unattended or attended .

The timer allows you to select **'MANUAL ON'**, **'AUTO'** or **'MANUAL OFF'** operation mode by pressing the **'MODE'** (Input/Output) button until the required mode appears at the bottom of the timer display.

'MANUAL ON' mode allows power to the heater uninterrupted by the timer settings. The heat selector switch will control the output (see 'Using the heater').
'AUTO' mode allows the convector to switch ON and OFF according to the timer settings (see 'Setting Programs' section below).
'MANUAL OFF' mode switches off all heater operation completely.

12/24 Hour Mode Either 12 or 24 hour modes can be used.
Press the **S** (Set) and **PROG** (Program) buttons simultaneously to switch between 12 and 24 Hour mode.

Initial Operation

For initial use, plug the heater into a regular household power point and turn the power on.
Clear all current information by pressing the **R** button with a sharp object such as a pencil.
The timer is now ready to be set up for use.

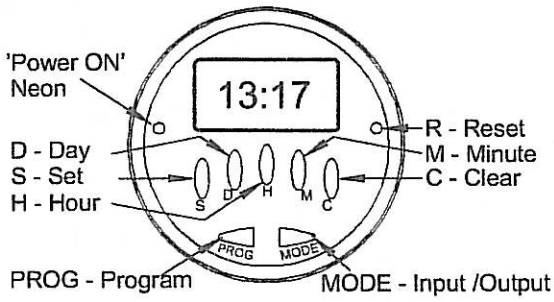


Fig. 6

Setting Current Time

1. Press the **S** (Set) button and keep pressed while pressing the **D** (Day) button until the actual day is displayed. Continue by pressing **H** (Hour) or **M** (Minute) button until the current hour or minute is displayed. When resetting, the buttons **D**, **H** or **M** can be held down for rapid forward counting.
2. Release both buttons. The day and time will now be set.
3. To reset incorrect time, repeat previous steps.

Summertime Function

Summertime function is very useful for areas with summertime system , the timer can quickly & easily be changed to operate in SUMMER time mode i.e. one hour ahead , and back again as follows ;

1. Press the **S** (Set) and **MODE** (Input/Output) buttons simultaneously. The LCD will show 'SUMMER'. The clock will switch ahead one hour.
2. Press the buttons together again and the clock will switch back again one hour to standard time & 'SUMMER' will no longer be displayed .

Setting Programs

Once the correct time is set , a total of 8 ON/OFF time programs can be set for AUTO operation. These can be set to operate on any of 16 different combinations of individual days or groups of days depending on your individual choice. To program the timer follow the setting instructions;

1. To select the first of your 8 ON/OFF programs simply press the **PROG** (Program) button once , the program is then input as follows;
2. You first select one of the 16 different combinations of individual days or groups of days you wish to set this program for. Continue to press and release the **D** (Day) button to go through the choices until the day or blocks of days you require appears along the top of the timer display then stop pressing , the 16 different combinations that can be chosen are as follow ;

1)	*Mo*	**9)**	*Mo, Tu, We, Th, Fr*
2)	*Tu*	**10)**	*Sa, Su*
3)	*We*	**11)**	*Mo, Tu, We, Th, Fr, Sa*
4)	*Th*	**12)**	*Mo, We Fri*
5)	*Fr*	**13)**	*Tu, Th, Sa*
6)	*Sa*	**14)**	*Mo, Tu, We*
7)	*Su*	**15)**	*Th, Fri, Sa*
8)	*Mo, Tu, We, Th, Fr, Sa, Su*	**16)**	*Mo, We Fr, Su*

3. Now set the time by pressing the **H** (Hour) button and then **M** (Minute) button until the desired time setting is displayed.
4. Press the **PROG** (Program) button again to finish the first ON setting and enter into the first OFF setting. By repeating steps '2' & '3' above you can now complete the input of the first OFF setting.
5. Press the **PROG** (Program) button again to finish the first ON/OFF program and enter into the 2nd ON setting. Repeat steps '2' , '3' and '4' to complete this program , then press P again and repeat cycle as necessary.
6. Once you have completed the number of ON/OFF programs you require (up to a maximum of 8) , press the **S** (Set) button to save the settings and the timer is now ready to operate in Auto mode .

EXAMPLE : To set Timer ON at 18:15 and Timer OFF at 22:15 everyday

a)	Press **PROG** and LCD displays	**'1_ON'**
b)	Press **D** until LCD displays	**'MO, TU, WE, TH, FR, SA, SU'**
c)	Press **H** until LCD displays	**'6:00PM' or '18:00'**
d)	Press **M** until LCD displays	**'6:15PM' or '18:15'**
e)	Press **PROG** and LCD displays	**'1_OFF'**
f)	Repeat c) and d) until LCD displays	**'10:15PM or 22:15'**
g)	Press **S** and the program is saved and the current time display returns.	

TIP : When verifying your programs ensure that the settings do not overlap, especially when using the block option.

TIP : To clear a section in a Program, press the **C** (Clear) button. To reactivate this section press the **C** button again.

Notes on switching between Manual ON/Auto/Manual OFF

1. Pressing **MODE** (Input/Output) button allows you to change between **Manual ON / Auto / Manual OFF** modes , current mode will be displayed on the bottom of the LCD display.
2. In **Manual ON** or **Manual OFF** mode, the Timer operates but the programme settings are inactive.
3. When the mode is turned from **Manual ON** to **Auto**, the Timer mode will remain ON until the next programmed timer off setting is reached.
4. When the mode is turned from **Manual OFF** to **Auto** the timer mode will remain OFF until the next programmed timer ON setting is reached.

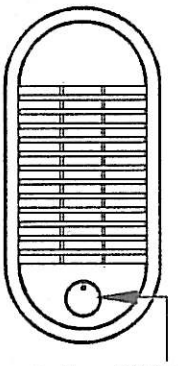
Note - Timer Memory Back Up Batteries

Once the heater has been left plugged in with the socket switched on for at least 12 hours the timers memory back up batteries will be fully charged. Once the timer batteries are fully charged , if there is either a power cut or if the heater is disconnected from the mains for less than 100 hours , then the timer will continue to keep time & the settings in the memory will remain intact .
If however the timer back up batteries have not been charged fully , or if the heater is deprived of power for longer than 100 hours , then the time and the programme settings are likely to be lost and you may therefore need to reset the time and the programme before using in 'Auto' mode again.

Turbo Fan

The turbo fan can be used to circulate the heat around the room to help it reach the desired temperature more quickly.

You can choose to use the fan to help circulate the heat at both heat settings by switching the Turbo switch on with the heat selection switch at setting I or II .



Turbo - ON/OFF Neon Switch

Fig. 5

Model 3088T

On model **3088T** you can choose to use the fan to help circulate the heat at lower heat settings by switching the Turbo switch on with the heat selection switch at setting I or II . Note that on model **3088T** the turbo will always operate when the 2.4 kw output setting '**III**' is selected.

In warm weather you can also use the fan on model **3088T** to circulate cool air as follows: Set the heat selector switch to it's off position - 'O' , set the Turbo switch to it's on position and set the thermostat to it's maximum setting by turning the thermostat knob fully clockwise.

Model 3087ST

On this model with the **I / II** switch at position **I** and the turbo switch in it's Off position (neon off) there is no heat output from the convector. With the **I / II** switch still in the **I** position you can have **low heat** output but only by switching the turbo switch to it's On position (neon on). To achieve **max. heat** output now turn on the **I / II** switch to **II** which will combine the **low heat** setting with a turbo fan boost setting to give the **max. heat** output of 2.4 kw with fan boost.
Note there is no cold blow operation on this model and that all heat settings operate under the control of the thermostat.

Note that the fan and the neon on the Turbo switch will cycle on and off under the control of the thermostat – see 'Thermostat'.

Safety – overheat protection

For your safety, this appliance is fitted with a thermal cut-out. In the event that the product overheats, the cut-out switches the heater off automatically.
To bring the heater back into operation, remove the cause of the overheating, then unplug or turn off the electrical supply to the heater for a few minutes.
When the heater has cooled sufficiently, re-connect and switch on the heater.

Important Notes

Although this heater is manufactured to comply with the relevant safety standards, certain types of carpets could become discoloured by the temperatures under a portable heater. If you are concerned about this, we recommend that you contact the carpet manufacturer for guidance. Alternatively, either stand the heater on a suitable base to shield the carpet or wall-mount it .

You may notice some parts of the element appearing to be hotter from time to time because of the variable airflow through the heater. This does not cause a safety hazard.

The heat outlet grille may become discoloured with use – this is caused by airborne pollution and is not a fault.

Cleaning and User Maintenance

WARNING – ALWAYS DISCONNECT FROM THE POWER SUPPLY BEFORE CLEANING THE HEATER.

Do not use detergents, abrasive cleaning powder or polish of any kind on the body of the heater.

Allow the heater to cool, then wipe with a dry cloth to remove dust and a damp cloth (not wet) to clean off stains. Be careful not to allow moisture into the heater.

After Sales Service

Please see the separate Warranty leaflet for details of your Warrantee & after sales service including contact details.

Should you require after sales service, please get in touch with the supplier through whom you purchased the appliance, or the contact number on your Warranty leaflet.

CE The product complies with the Australian/New Zealand Safety Standards AS/NZ S 335.2.30:1997 and 2002 Part 1 also the European Standard ElectromagneticCompatibility (EMC) EN 55 014-1:1993, EN 61000-3-2:1995, EN 61000-3-3:1995, EN 55 014-2:1997 which cover the essential requirements of EEC Directive 89/336/EEC.

Specification subject to change without prior notice.

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